

CLAIMS

What is claimed is:

1. A computer operable method, comprising:

initiating communication between an IR equipped device and a computer

5 pointing device with an IR bridge;

determining what graphical object of a graphical user interface a cursor is

positioned over; and,

processing data according to what said graphical object represents.

10 2. The method of claim 1 wherein said graphical object comprises an icon and
said processing comprises taking an action represented by said icon.

3. The method of claim 1 wherein said graphical object comprises a screen
area and said processing comprises transferring between said IR
15 equipped device and said screen area.

4. The method of claim 1 wherein said graphical object represents a file and
said processing comprises transferring said file between said IR
equipped device and a host computer.

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5. The method of claim 1 wherein said initiating communication does not
involve a user interfacing with said computer pointing device with an
IR bridge.

6. The method of claim 1 wherein said initiating communication comprises a user action on said IR equipped device and not on said computer pointing device with an IR bridge.

5 7. A program storage medium readable by a computer, tangibly embodying a program of instructions executable by the computer to perform method steps for transferring data via a computer pointing device with an integrated IR bridge, said method steps comprising:

initiating communication between an IR equipped device and said computer pointing device with said integrated IR bridge;

10 determining what graphical object of a graphical user interface a cursor is positioned over; and,

processing data sent via said integrated IR bridge according to what said graphical object represents.

15 8. The program storage medium of claim 7 wherein said graphical object comprises an icon and said processing comprises taking an action represented by said icon.

20 9. The program storage medium of claim 7 wherein said graphical object comprises a screen area and said processing comprises transferring between said IR equipped device and displaying a representation of said data in said screen area.

10. The program storage medium of claim 7 wherein said graphical object represents a file and said processing comprises transferring said file between said IR equipped device and a host computer.

5 11. The program storage medium of claim 7 wherein said initiating communication does not involve a user interfacing with said computer pointing device with an IR bridge.

12. The program storage medium of claim 7 wherein said initiating
10 communication comprises a user action on said IR equipped device and not on said computer pointing device with an IR bridge.

13. An user interface for transferring data between a host computer and another device via an infrared link, comprising:
15 an infrared bridge integrated into a pointing device communicating with said host computer;
a graphical user interface running on said host computer wherein said graphical user interface executes at least one function of a plurality of possible functions relating to data that is transferred via said infrared
20 link in response to the initiation of a data transfer over said infrared link.

14. The user interface of claim 13 wherein the position of a cursor displayed on a display screen determines at least one function of said plurality of
25 possible functions that is executed.

15. The user interface of claim 14 wherein said at least one function is to store said data in a file and said position of said cursor displayed is over an icon.

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16. The user interface of claim 14 wherein said at least one function is to insert an object and said position of said cursor is over an entry box area.

10 17. The user interface of claim 14 wherein said at least one function is to transfer data from said host computer to said another device and said position of said cursor is over a representation of a filename.

15 18. The user interface of claim 14 wherein said at least one function is to transfer data to said host computer from said another device and said position of said cursor is over a representation of a filename.